

## Title (en)

PEPTIDES RESPONSIVE TO ANTIBODIES AGAINST A CONSENSUS PEPTIDE OF THE CS4-CFA/I FAMILY PROTEINS

## Title (de)

PEPTIDE SPEZIFISCH FÜR ANTIKÖRPER GEGEN PEPTIDCONSENSUSSEQUENZEN AUS DER CS4-CFA/IPRPTINFAMILIE

## Title (fr)

PEPTIDES SENSIBLES A DES ANTICORPS DIRIGES CONTRE UN PEPTIDE CONSENSUS DES PROTEINES DE LA FAMILLE C54-CFA/I

## Publication

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## Application

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## Abstract (en)

[origin: WO9805348A1] This invention relates to amino acid sequences from within a consensus peptide of the formula: VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (Seq. #1). Eight mer peptides from within the consensus peptide were tested against an antibody raised to the consensus peptide. Studies relating to antibody raised to denatured proteins from the natural organisms producing the family of proteins were also useful and showed particular value of some sequences. A sequence of the formula ASVDPTIDLLQA (Seq. #2) was identified thereby. An enlarge sequence of the formula TVTASVDPTIDLLQAD (Seq. #3) is also especially interesting as are intermediate sequences such as sequences VTASVDPTIDLLQAD (Seq. #4), TASVDPTIDLLQAD (Seq. #5), and TASVDPTIDLLQA (Seq. #6) as being binding sites for antibodies raised to the denatured proteins.

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## Citation (search report)

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- [A] CASSELS F J ET AL: "ANALYSIS OF ESCHERICHIA COLI COLONIZATION FACTOR ANTIGEN I LINEAR B-CELL EPITOPES, AS DETERMINED BY PRIMATE RESPONSES, FOLLOWING PROTEIN SEQUENCE VERIFICATION", INFECTION AND IMMUNITY, AMERICAN SOCIETY FOR MICROBIOLOGY. WASHINGTON, US, vol. 60, no. 6, June 1992 (1992-06-01), pages 2174 - 2181, XP002912629, ISSN: 0019-9567
- See also references of WO 9805348A1

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